

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5046407

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETROWELL LTD	06/29/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16033097
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<b>ATTORNEY DOCKET NUMBER:</b>	205-0635USD
<b>NAME OF SUBMITTER:</b>	SEAN MCDERMOTT
<b>SIGNATURE:</b>	/Sean McDermott/
<b>DATE SIGNED:</b>	07/11/2018
<b>Total Attachments: 34</b>	
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## ASSIGNMENT

The undersigned, **PETROWELL LTD.** (the "Assignor") whose full post office address is **Weatherford Centre, Souterhead Road, Altens Industrial Estate, Aberdeen, UK, AB12 3LF**, for ten (\$10.00) dollars and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby assign to **WEATHERFORD TECHNOLOGY HOLDINGS, LLC** (the "Assignee") whose full post office address is **2000 Saint James Place, Houston, Texas, USA 77056**, all of the Assignor's right, title, and interest in and to: (1) the patents and patent applications identified in the attached Schedule "A" (the "Patents"); (2) the invention(s) described in the Patents, and all divisions, continuations, continuations-in-part, national phase entries, substitutions, re-issues, renewals, re-examinations, extensions and new patent applications that are filed in respect of the Patents and/or of said invention(s); and (3) the trademarks identified in the attached Schedule "B" (the "Trademarks"). This assignment includes, but is not limited to, Assignee's right to (a) be named as the assignee of Patents and Trademarks in the records of patent and trademarks offices worldwide and (b) sue and recover for past, present, and future damages resulting from the infringement of the Patents or Trademarks and freely control any such lawsuits or settlements of the same.

The Assignor covenants and agrees that it will, at any time on request and at the expense of said Assignee, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said Assignee, to enable and assist said Assignee to (a) obtain issued patents, both domestic and foreign, on said invention(s); (b) establish, maintain, and secure title in said Assignee, its successors and assigns, to said invention(s) and the Patents, including making such title of lawful public record; (c) establish, maintain, and secure title in said Assignee, its successors and assigns, to said Trademarks, including making such title of lawful public record; and (d) defend, establish, or otherwise preserve the validity of said issued patents and trademarks against any and all infringers. Assignor further agrees to perform such other lawful acts as are necessary to give full force and effect to this assignment.

The Assignor represents and warrants that no assignment, mortgage sale, license, pledge, encumbrance, or alienation of said invention(s), Patents, or Trademarks has been, or will be made, or entered into, which would conflict with this assignment and sale.

The Assignor hereby declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made may jeopardize the validity of any patent applications filed in respect of the invention(s) or of any patents issued therefrom.

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SIGNED at Aberdeen, Scotland, United Kingdom, this 29 day of JUNE, 2017.

**PETROWELL LTD.**

Per: Euan R Pringle  
Name: EVAN ROBERTSON PRINGLE  
Title: DIRECTOR

IN TESTIMONY WHEREOF, the Assignee freely accepts and has duly executed this assignment as its free act and deed.

SIGNED at Houston, Texas, USA, this 29<sup>th</sup> day of JUNE, 2017.

**WEATHERFORD TECHNOLOGY HOLDINGS, LLC**

Per: W M Imwalle  
Name: WILLIAM M. IMWALLE  
Title: VICE PRESIDENT

**SCHEDULE A**

**PATENTS**

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5277-PCT-UK</u>	<u>Apparatus and Method</u>	United Kingdom	07114838	Jun 14, 2007	2438094	Aug 5, 2009
<u>5282-EP</u>	<u>Sealing System</u>	European Patent Office	057328585	Apr 11, 2005	1753936	May 22, 2013
<u>5282-EP-UK</u>	<u>Sealing System</u>	United Kingdom	057328585	Apr 11, 2005	1753936	May 22, 2013
<u>5282-PCT-CA</u>	<u>Sealing System with Backup Having an Anchor Surface</u>	Canada	2606091	Oct 25, 2007	2606091	Jun 5, 2012
<u>5282-PCT-NO</u>	<u>Sealing System</u>	Norway	20070054	Jan 4, 2007	338705	Oct 3, 2016
<u>5282-PCT-US</u>	<u>Sealing System</u>	United States of America	11570335	Apr 16, 2007	8678099	Mar 25, 2014
<u>5283-PCT-AU</u>	<u>Apparatus for Controlling a Downhole Device</u>	Australia	2006245505	May 12, 2006	2006245505	Oct 6, 2011
<u>5283-PCT-CA</u>	<u>Apparatus for Controlling a Downhole Device</u>	Canada	2604229	Oct 11, 2007	2604229	Oct 7, 2014
<u>5283-PCT-NO</u>	<u>Apparatus for Controlling a Downhole Device</u>	Norway	20076399	May 12, 2006	338591	Sep 12, 2016
<u>5283-PCT-UK</u>	<u>Apparatus for Controlling a Downhole Device</u>	United Kingdom	07199458	Oct 12, 2007	2439255	Jan 5, 2011
<u>5283-PCT-US</u>	<u>Apparatus for Controlling a Downhole Device</u>	United States of America	11919962	Dec 10, 2007	7975767	Jul 12, 2011
<u>5284-PCT-AU</u>	<u>Remote Actuation of a Downhole Tool</u>	Australia	2005303648	Sep 22, 2005	2005303648	Jan 13, 2011
<u>5284-PCT-BR</u>	<u>Remote Actuation of a Downhole Tool</u>	Brazil	PI05174694	Sep 22, 2005	PI0517469-4	Dec 20, 2016
<u>5284-PCT-BR-DV1</u>	<u>Remote Actuation of a Downhole Tool</u>	Brazil	1220160201244	May 11, 2007		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5284-PCT-CA</u>	<u>Remote Actuation of a Downhole Tool</u>	Canada	2584973	Sep 22, 2005	2584973	Sep 20, 2016
<u>5284-PCT-NO</u>	<u>Remote Actuation of a Downhole Tool</u>	Norway	20072729	May 29, 2007		
<u>5284-PCT-UK</u>	<u>An Antenna for Use on a Downhole Tubula</u>	United Kingdom	07091770	May 14, 2007	2434820	Nov 25, 2009
<u>5284-PCT-US</u>	<u>Remote Actuation of a Downhole Tool</u>	United States of America	11667516	Sep 22, 2005	9115573	Aug 25, 2015
<u>5284-PCT-US-DIV1</u>	<u>Antenna for Use in a Downhole Tubular</u>	United States of America	14308336	Jun 18, 2014		
<u>5284-UK</u>	<u>Remote Actuation of a Downhole Tool</u>	United Kingdom	05193164	Sep 22, 2005	2420153	Nov 22, 2006
<u>5285-PCT-AU</u>	<u>Improved Packer</u>	Australia	2006235681	Apr 10, 2006	2006235681	May 3, 2012
<u>5285-PCT-CA</u>	<u>Improved Packer</u>	Canada	2648340	Oct 3, 2008	2648340	Nov 5, 2013
<u>5285-PCT-NO</u>	<u>Improved Packer</u>	Norway	20074879	Sep 25, 2007		
<u>5285-PCT-UK</u>	<u>Improved Packer</u>	United Kingdom	07182108	Sep 18, 2007	2439006	Apr 28, 2010
<u>5285-PCT-US</u>	<u>Packer</u>	United States of America	11909820	Apr 10, 2006	9194213	Nov 24, 2015
<u>5286-PCT-AU</u>	<u>Improved Well Bore Anchors</u>	Australia	2005328564	Oct 7, 2005	2005328564	Jun 21, 2012
<u>5286-PCT-BR</u>	<u>Improved Well Bore Anchors</u>	Brazil	PI05199786	Aug 13, 2007		
<u>5286-PCT-CA</u>	<u>Improved Well Bore Anchors</u>	Canada	2644667	Oct 7, 2005	2644667	Sep 17, 2013
<u>5286-PCT-NO</u>	<u>Improved Well Bore Anchors</u>	Norway	20074351	Aug 27, 2007		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5286-PCT-US</u>	<u>Wellbore Anchors</u>	United States of America	11816421	Mar 31, 2008	7690424	Apr 6, 2010
<u>5286-UK</u>	<u>Improved Well Bore Anchors</u>	United Kingdom	05204250	Nov 4, 2009	2423779	Mar 5, 2008
<u>5287-PCT-AU</u>	<u>Bi-Directional Flapper Valve</u>	Australia	2007245406	Apr 26, 2007	2007245406	Apr 26, 2013
<u>5287-PCT-BR</u>	<u>Bi-Directional Flapper Valve</u>	Brazil	PI07107552	Apr 28, 2007		
<u>5287-PCT-CA</u>	<u>Bi-Directional Flapper Valve</u>	Canada	2681389	Sep 16, 2009	2681389	Feb 24, 2015
<u>5287-PCT-NO</u>	<u>Bi-Directional Flapper Valve</u>	Norway	20084575	Nov 3, 2008		
<u>5287-PCT-UK</u>	<u>Apparatus</u>	United Kingdom	08183196	Apr 26, 2007	2450447	May 4, 2011
<u>5287-PCT-UK-DIV1</u>	<u>A Flapper Valve Assembly</u>	United Kingdom	11032075	Feb 24, 2011	2476000	Jul 27, 2011
<u>5287-PCT-US</u>	<u>Bi-Directional Flapper Valve</u>	United States of America	12226577	Oct 22, 2008	8191570	Jun 5, 2012
<u>5288-PCT-AU</u>	<u>Improved Packer</u>	Australia	2007228554	Mar 22, 2007	2007228554	Aug 15, 2013
<u>5288-PCT-AU-DIV1</u>	<u>Improved Packer</u>	Australia	2012203933	Mar 22, 2007	2012203933	Sep 5, 2013
<u>5288-PCT-BR</u>	<u>Improved Packer</u>	Brazil	PI07088302	Sep 12, 2008		
<u>5288-PCT-CA</u>	<u>Improved Packer</u>	Canada	2681603	Sep 22, 2009	2681603	May 13, 2014
<u>5288-PCT-CA-DIV1</u>	<u>Tool With Setting Force Transmission Relief Device</u>	Canada	2833612	Mar 22, 2007	2833612	Mar 8, 2016
<u>5288-PCT-NO</u>	<u>Improved Packer</u>	Norway	20084041	Sep 23, 2008		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5288-PCT-UK</u>	<u>Improved Packer</u>	United Kingdom	08176885	Sep 26, 2008	2450648	Oct 19, 2011
<u>5288-PCT-UK-DIV1</u>	<u>Improved Packer</u>	United Kingdom	11103793	Jun 17, 2011	2479085	Nov 15, 2011
<u>5288-PCT-US</u>	<u>Packer</u>	United States of America	12294078	Mar 27, 2007	8651178	Feb 18, 2014
<u>5288-PCT-US-CON1</u>	<u>Improved Packer</u>	United States of America	14150053	Jan 8, 2014		
<u>5289-PCT-AU</u>	<u>Improved Plug</u>	Australia	2005298359	Oct 28, 2005	2005298359	May 17, 2012
<u>5289-PCT-AU-DIV1</u>	<u>Improved Running Adapter</u>	Australia	2012201018	Feb 22, 2012	2012201018	Nov 19, 2015
<u>5289-PCT-AU-DIV2</u>	<u>Improved Plug</u>	Australia	2012201022	Feb 22, 2012	2012201022	Oct 23, 2014
<u>5289-PCT-BR</u>	<u>Improved Plug</u>	Brazil	PI05180716	Apr 17, 2007		
<u>5289-PCT-NO</u>	<u>Improved Plug</u>	Norway	20072117	Apr 24, 2007		
<u>5289-PCT-UK</u>	<u>Improved Plug</u>	United Kingdom	07078488	Apr 24, 2007	2434608	Jan 28, 2009
<u>5289-PCT-UK-DIV1</u>	<u>Improved Running Adapter</u>	United Kingdom	08136350	Jul 25, 2008	2448636	Jan 28, 2009
<u>5289-PCT-UK-DIV2</u>	<u>Improved Plug</u>	United Kingdom	08136368	Jul 25, 2008	2448637	Jan 28, 2009
<u>5289-PCT-US</u>	<u>Plug</u>	United States of America	11577866	Oct 3, 2007	8490691	Jul 23, 2013
<u>5289-PCT-US-DIV1</u>	<u>Running Adapter</u>	United States of America	13189758	Jul 25, 2011	8973666	Mar 10, 2015
<u>5290-PCT-UK</u>	<u>Wellhead Assembly and Method</u>	United Kingdom	07114820	Feb 3, 2006	2436480	May 12, 2010

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
5290-PCT-US	<u>Wellhead Assembly and Method</u>	United States of America	11794847	Jul 6, 2007	7798208	Sep 21, 2010
5292-UK	<u>Cleaning a Wellbore</u>	United Kingdom	05192471	Sep 21, 2005	2425136	Aug 22, 2007
5607-DIV1-EP	<u>Method of Completing a Well</u>	European Patent Office	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV1-EP-DE	<u>Method of Completing a Well</u>	Germany	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV1-EP-IT	<u>Method of Completing a Well</u>	Italy	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV1-EP-NL	<u>Method of Completing a Well</u>	Netherlands	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV1-EP-NO	<u>Method of Completing a Well</u>	Norway	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV1-EP-UK	<u>Method of Completing a Well</u>	United Kingdom	121718282	Jun 13, 2012	2508708	Jul 23, 2014
5607-DIV2-EP	<u>Method and Apparatus for Completing a Well</u>	European Patent Office	131804759	Oct 17, 2008		
5607-EP	<u>Method and Apparatus for Completing a Well</u>	European Patent Office	088067657	Oct 17, 2008	2209967	Sep 12, 2012
5607-EP-DE	<u>Method and Apparatus for Completing a Well</u>	Germany	088067657	Oct 17, 2008	602008018770.5	Sep 12, 2012
5607-EP-IT	<u>Method and Apparatus for Completing a Well</u>	Italy	088067657	Oct 17, 2008	2209967	Sep 12, 2012
5607-EP-NL	<u>Method and Apparatus for Completing a Well</u>	Netherlands	088067657	Oct 17, 2008	2209967	Sep 12, 2012
5607-EP-NO	<u>Method and Apparatus for Completing a Well</u>	Norway	088067657	Oct 17, 2008	2209967	Sep 12, 2012
5607-EP-UK	<u>Method and Apparatus for Completing a Well</u>	United Kingdom	088067657	Oct 17, 2008	2209967	Sep 12, 2012

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5607-GCC</u>	<u>Method and Apparatus for Completing a Well</u>	Gulf Cooperation Council	P200811977	Oct 19, 2008	0002512	Aug 28, 2013
<u>5607-PCT-AU</u>	<u>Method and Apparatus for Completing a Well</u>	Australia	2008313433	Oct 17, 2008	2008313433	Mar 27, 2015
<u>5607-PCT-AU-DIV1</u>	<u>Method and Apparatus for Completing a Well</u>	Australia	2014221275	Sep 5, 2014	2014221275	Aug 11, 2016
<u>5607-PCT-AU-DIV2</u>	<u>Method and Apparatus for Completing a Well</u>	Australia	2016206273	Oct 17, 2008		
<u>5607-PCT-BR</u>	<u>Method and Apparatus for Completing a Well</u>	Brazil	PI08172927	Oct 17, 2008		
<u>5607-PCT-BR-DIV1</u>	<u>Method and Apparatus for Completing a Well</u>	Brazil	newtobe advised	Oct 17, 2008		
<u>5607-PCT-CA</u>	<u>Method and Apparatus for Completing a Well</u>	Canada	2699578	Oct 17, 2008	2699578	Jun 23, 2015
<u>5607-PCT-CA-DIV1</u>	<u>Method and Apparatus for Completing a Well</u>	Canada	2867995	Oct 17, 2008		
<u>5607-PCT-US</u>	<u>Method and Apparatus for Completing a Well</u>	United States of America	12677660	Oct 17, 2008	8833469	Sep 16, 2014
<u>5607-PCT-US-CON1</u>	<u>Method of and Apparatus for Completing a Well</u>	United States of America	14048796	Oct 17, 2008	9085954	Jul 21, 2015
<u>5607-PCT-US-CON2</u>	<u>Method of and Apparatus for Completing a Well</u>	United States of America	14743440	Jun 18, 2015	9359890	Jun 7, 2016
<u>5608-EP</u>	<u>Valve Assembly</u>	European Patent Office	088467923	Nov 5, 2008	2225437	Jan 18, 2012
<u>5608-EP-NO</u>	<u>Valve Assembly</u>	Norway	088467923	Nov 5, 2008	2225437	Jan 18, 2012
<u>5608-EP-UK</u>	<u>Valve Assembly</u>	United Kingdom	088467923	Nov 5, 2008	2225437	Jan 18, 2012
<u>5608-PCT-AU</u>	<u>Valve Assembly</u>	Australia	2008326227	Nov 5, 2008	2008326227	Mar 23, 2016

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5608-PCT-BR</u>	<u>Valve Assembly</u>	Brazil	PI08188050	Nov 5, 2008		
<u>5608-PCT-CA</u>	<u>Valve Assembly</u>	Canada	2701994	Nov 5, 2008	2701994	Oct 11, 2016
<u>5608-PCT-US</u>	<u>Valve Assembly</u>	United States of America	12739063	Nov 5, 2008		
<u>5608-PCT-US-CON1</u>	<u>Valve Assembly</u>	United States of America	13903259	May 28, 2013	9200501	Dec 1, 2015
<u>5609-EP</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	European Patent Office	097168389	Mar 6, 2009		
<u>5609-PCT-AU</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	Australia	2009220956	Mar 6, 2009	2009220956	Aug 20, 2015
<u>5609-PCT-BR</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	Brazil	PI09082859	Mar 6, 2009		
<u>5609-PCT-CA</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	Canada	2713354	Mar 6, 2009		
<u>5609-PCT-US</u>	<u>Switching Device for, and a Method of Switching, a Downhole Tool</u>	United States of America	12866822	Mar 6, 2009	9103197	Aug 11, 2015
<u>5609-PCT-US-CON1</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	United States of America	14802402	Jul 17, 2015		
<u>5609-PCT-US-DV1</u>	<u>A Switching Device for, and a Method of Switching, a Downhole Tool</u>	United States of America	15426512	Feb 7, 2017		
<u>5610-EP</u>	<u>Downhole Actuator Tool</u>	European Patent Office	097147474	Feb 19, 2009	2250339	Oct 2, 2013

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5610-EP-DE</u>	<u>Downhole Actuator Tool</u>	Germany	097147474	Feb 19, 2009	602009019163.2	Oct 2, 2013
<u>5610-EP-FR</u>	<u>Downhole Actuator Tool</u>	France	097147474	Feb 19, 2009	2250339	Oct 2, 2013
<u>5610-EP-IT</u>	<u>Downhole Actuator Tool</u>	Italy	097147474	Feb 19, 2009	2250339	Oct 2, 2013
<u>5610-EP-NL</u>	<u>Downhole Actuator Tool</u>	Netherlands	097147474	Feb 19, 2009	2250339	Oct 2, 2013
<u>5610-EP-NO</u>	<u>Downhole Actuator Tool</u>	Norway	097147474	Feb 19, 2009	2250339	Oct 2, 2013
<u>5610-EP-UK</u>	<u>Downhole Actuator Tool</u>	United Kingdom	097147474	Feb 19, 2009	2250339	Oct 2, 2013
<u>5610-PCT-AU</u>	<u>Pressure Actuable Downhole Tool and a Method for Actuating the Same</u>	Australia	2009219953	Feb 19, 2009	2009219953	May 19, 2016
<u>5610-PCT-BR</u>	<u>Pressure Actuable Downhole Tool and a Method for Actuating the Same</u>	Brazil	PI09074066	Feb 19, 2009		
<u>5610-PCT-CA</u>	<u>Pressure Actuable Downhole Tool and Method for Actuating the Same</u>	Canada	2711198	Jun 29, 2010	2711198	Sep 6, 2016
<u>5610-PCT-US</u>	<u>Pressure Actuable Downhole Tool and a Method for Actuating the Same</u>	United States of America	12811108	Feb 19, 2009	8567510	Oct 29, 2013
<u>5611-EP</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	European Patent Office	107033334	Jan 22, 2010		
<u>5611-EP-DIV1</u>	<u>Lock Ring</u>	European Patent Office	161543194	Jan 22, 2010		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5611-EP-DIV2</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	European Patent Office	161543301	Jan 22, 2010		
<u>5611-EP-DIV3</u>	<u>Interlocking and Setting Section for a Downhole Tool</u>	European Patent Office	161543376	Jan 22, 2010		
<u>5611-PCT-AU</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	Australia	2010207594	Jan 22, 2010	2010207594	Oct 29, 2015
<u>5611-PCT-AU-DIV1</u>	<u>Lock Ring Assembly</u>	Australia	2015243051	Jan 22, 2010		
<u>5611-PCT-AU-DIV2</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	Australia	2015243098	Jan 22, 2010		
<u>5611-PCT-AU-DIV3</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	Australia	2015243057	Jan 22, 2010		
<u>5611-PCT-BR</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	Brazil	PI10072349	Jul 21, 2011		
<u>5611-PCT-CA</u>	<u>Apparatus and Method</u>	Canada	2748672	Jan 22, 2010		
<u>5611-PCT-CA-DIV1</u>	<u>Apparatus and Method</u>	Canada	2923106	Jan 22, 2010		
<u>5611-PCT-CA-DIV2</u>	<u>Interlocking and Setting Section for a Downhole Tool</u>	Canada	2923108	Jan 22, 2010		
<u>5611-PCT-US</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	United States of America	13145473	Jan 22, 2010		

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<u>5611-PCT-US-DIV1</u>	<u>Apparatus and Method for Setting a Downhole Anchor and Related Telescopic Joint</u>	United States of America	15018770	Jan 22, 2010		
<u>5611-PCT-US-DIV2</u>	<u>Interlocking and Setting Section for a Downhole Tool</u>	United States of America	15018775	Jan 22, 2010		
<u>5612-EP</u>	<u>Flow Control Device</u>	European Patent Office	097960405	Dec 4, 2009		
<u>5612-PCT-AU</u>	<u>Flow Control Device</u>	Australia	2009323840	Dec 4, 2009	2009323840	Jun 9, 2016
<u>5612-PCT-BR</u>	<u>Flow Control Device</u>	Brazil	PI09220712	Dec 4, 2009		
<u>5612-PCT-CA</u>	<u>Flow Control Device</u>	Canada	2744593	Mar 11, 2016	2744593	Oct 11, 2016
<u>5612-PCT-US</u>	<u>Flow Control Device</u>	United States of America	13131459	Dec 4, 2009	8827238	Sep 9, 2014
<u>5613-EP</u>	<u>Apparatus and Method</u>	European Patent Office	107021677	Jan 27, 2010		
<u>5613-PCT-AU</u>	<u>Apparatus and Method</u>	Australia	2010209472	Jan 27, 2010	2010209472	Nov 5, 2015
<u>5613-PCT-BR</u>	<u>Apparatus and Method</u>	Brazil	PI10070672	Jul 22, 2011		
<u>5613-PCT-CA</u>	<u>Apparatus and Method</u>	Canada	2749107	Jul 7, 2011		
<u>5613-PCT-US</u>	<u>Flow Control Apparatus and Method</u>	United States of America	13145824	Jan 27, 2010	8863848	Oct 21, 2014
<u>5614-PCT-AU</u>	<u>Tree Plug</u>	Australia	2007320930	Nov 19, 2007	2007320930	Jan 15, 2015
<u>5614-PCT-AU-DIV1</u>	<u>Improved Tree Plug</u>	Australia	2014271239	Dec 2, 2014		

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<u>5614-PCT-BR</u>	<u>Improved Tree Plug</u>	Brazil	PI07214855	Apr 30, 2009		
<u>5614-PCT-CA</u>	<u>Improved Tree Plug</u>	Canada	2667794	Nov 19, 2007	2667794	May 24, 2016
<u>5614-PCT-CA-DIV1</u>	<u>Improved Tree Plug</u>	Canada	2923865	Nov 19, 2007		
<u>5614-PCT-NO</u>	<u>Improved Tree Plug</u>	Norway	20092167	Jun 4, 2009		
<u>5614-PCT-UK</u>	<u>Tree Plug</u>	United Kingdom	09073917	Apr 30, 2009	2457390	Apr 4, 2012
<u>5614-PCT-US</u>	<u>Tree Plug</u>	United States of America	12514488	Nov 19, 2007	8839872	Sep 23, 2014
<u>5615-EP</u>	<u>Improved Activation Device</u>	European Patent Office	087757530	Dec 14, 2009	2156009	Jun 6, 2012
<u>5615-EP-DK</u>	<u>Improved Activation Device</u>	Denmark	087757530	Jun 17, 2008	2156009	Jun 6, 2012
<u>5615-EP-NL</u>	<u>Improved Activation Device</u>	Netherlands	087757530	Jun 17, 2008	2156009	Jun 6, 2012
<u>5615-EP-NO</u>	<u>Improved Activation Device</u>	Norway	087757530	Jun 17, 2008	2156009	Jun 6, 2012
<u>5615-EP-UK</u>	<u>Improved Activation Device</u>	United Kingdom	087757530	Jun 17, 2008	2156009	Jun 6, 2012
<u>5615-PCT-CA</u>	<u>Improved Activation Device</u>	Canada	2692230	Jun 17, 2008	2692230	Jun 7, 2016
<u>5615-PCT-US</u>	<u>Activation Device</u>	United States of America	12665641	Mar 1, 2010	8689864	Apr 8, 2014
<u>5616-EP</u>	<u>Improved Control System</u>	European Patent Office	097857148	Apr 1, 2011		
<u>5616-PCT-BR</u>	<u>Improved Control System</u>	Brazil	PI09207163	Apr 1, 2011		

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<u>5616-PCT-CA</u>	<u>Improved Control System</u>	Canada	2739529	Apr 4, 2011	2739529	Jan 10, 2017
<u>5616-PCT-US</u>	<u>Control System</u>	United States of America	13122186	Oct 1, 2009	8950503	Feb 10, 2015
<u>5617-DIV1-EP</u>	<u>Improved Centralizer</u>	European Patent Office	131842056	Nov 28, 2008		
<u>5617-EP</u>	<u>Improved Centralizer</u>	European Patent Office	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-EP-DE</u>	<u>Improved Centralizer</u>	Germany	088574108	Nov 28, 2008	602008028663.0	Nov 6, 2013
<u>5617-EP-FR</u>	<u>Improved Centralizer</u>	France	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-EP-IT</u>	<u>Improved Centralizer</u>	Italy	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-EP-NL</u>	<u>Improved Centralizer</u>	Netherlands	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-EP-NO</u>	<u>Improved Centralizer</u>	Norway	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-EP-UK</u>	<u>Improved Centralizer</u>	United Kingdom	088574108	Nov 28, 2008	2215324	Nov 6, 2013
<u>5617-PCT-AU</u>	<u>Improved Centralizer</u>	Australia	2008332956	Nov 28, 2008	2008332956	Jan 22, 2015
<u>5617-PCT-AU-DIV1</u>	<u>Improved Centralizer</u>	Australia	2014277766	Dec 3, 2008	2014277766	Aug 4, 2016
<u>5617-PCT-AU-DIV2</u>	<u>Improved Centralizer</u>	Australia	2016204890	Dec 18, 2014		
<u>5617-PCT-BR</u>	<u>Improved Centralizer</u>	Brazil	PI08197130	Mar 8, 2016		
<u>5617-PCT-CA</u>	<u>Improved Centralizer</u>	Canada	2707591	Nov 28, 2008	2707591	Jan 17, 2017

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<u>5617-PCT-CA-DIV1</u>	<u>Improved Centralizer</u>	Canada	2927001	Nov 28, 2008		
<u>5617-PCT-CA-DIV2</u>	<u>Improved Centralizer</u>	Canada	2927157	Nov 28, 2008		
<u>5617-PCT-US</u>	<u>Centralizer</u>	United States of America	12743505	Nov 28, 2008	8555964	Oct 15, 2013
<u>5617-PCT-US-CON1</u>	<u>Centralizer</u>	United States of America	14027444	Sep 16, 2013	8919437	Dec 30, 2014
<u>5617-PCT-US-CON2</u>	<u>Centralizer</u>	United States of America	14580398	Dec 23, 2014		
<u>5618-EP</u>	<u>Improved Centralizer</u>	European Patent Office	097223333	Sep 14, 2010	2255061	Oct 19, 2011
<u>5618-EP-NO</u>	<u>Improved Centralizer</u>	Norway	097223333	Mar 18, 2009	2255061	Oct 19, 2011
<u>5618-EP-UK</u>	<u>Improved Centralizer</u>	United Kingdom	097223333	Mar 18, 2009	2255061	Oct 19, 2011
<u>5618-PCT-AU</u>	<u>Improved Centralizer</u>	Australia	2009227720	Mar 18, 2009	2009227720	Aug 13, 2015
<u>5618-PCT-AU-DIV1</u>	<u>Improved Centralizer</u>	Australia	2015205960	Jul 27, 2015		
<u>5618-PCT-BR</u>	<u>Improved Centralizer</u>	Brazil	PI09085904	Mar 18, 2010		
<u>5618-PCT-CA</u>	<u>Improved Centralizer</u>	Canada	2718681	Sep 15, 2010	2718681	Oct 4, 2016
<u>5618-PCT-US</u>	<u>Centralizer</u>	United States of America	12933053	Mar 18, 2009	8820417	Sep 2, 2014
<u>5619-EP</u>	<u>Improved Tubing Section</u>	European Patent Office	097116933	Oct 1, 2009		
<u>5619-PCT-AU</u>	<u>Improved Tubing Section</u>	Australia	2009216565	Feb 23, 2009	2009216565	Sep 24, 2015

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<u>5619-PCT-CA</u>	<u>Improved Tubing Section</u>	Canada	2715861	Aug 17, 2010	2715861	Feb 21, 2017
<u>5619-PCT-US</u>	<u>Tubing Section</u>	United States of America	12866495	Feb 23, 2009		
<u>5620-EP</u>	<u>Improved Tubing Section Coupling</u>	European Patent Office	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-EP-DE</u>	<u>Improved Tubing Section Coupling</u>	Germany	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-EP-FR</u>	<u>Improved Tubing Section Coupling</u>	France	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-EP-NL</u>	<u>Improved Tubing Section Coupling</u>	Netherlands	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-EP-NQ</u>	<u>Improved Tubing Section Coupling</u>	Norway	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-EP-UK</u>	<u>Improved Tubing Section Coupling</u>	United Kingdom	097266399	Sep 14, 2010	2265848	Aug 26, 2015
<u>5620-PCT-AU-DIV1</u>	<u>Improved Tubing Section Coupling</u>	Australia	2014213484	Aug 12, 2014	2014213484	Sep 29, 2016
<u>5620-PCT-BR</u>	<u>Improved Tubing Section Coupling</u>	Brazil	PI09094504	Mar 23, 2009		
<u>5620-PCT-CA</u>	<u>Improved Tubing Section Coupling</u>	Canada	2719492	Sep 23, 2010	2719492	Jan 3, 2017
<u>5620-PCT-US</u>	<u>Improved Tubing Section Coupling</u>	United States of America	12933015	Mar 23, 2009	9133968	Sep 15, 2015
<u>5621-EP</u>	<u>Improved Seal Element</u>	European Patent Office	088517610	May 14, 2010		
<u>5621-PCT-AU</u>	<u>Improved Seal Element</u>	Australia	2008327705	Nov 19, 2008	2008327705	May 28, 2015
<u>5621-PCT-BR</u>	<u>Improved Seal Element</u>	Brazil	PI08201617	Mar 8, 2016		

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5621-PCT-CA	Improved Seal Element	Canada	2706207	May 19, 2010	2706207	Jan 19, 2016
5621-PCT-US-DIV1	Improved Seal Element	United States of America	14529860	Nov 3, 2014		
5622-EP	Apparatus and Method for Downhole Communication	European Patent Office	107718082	Aug 23, 2010		
5622-PCT-AU	Apparatus and Method for Downhole Communication	Australia	2010286183	Aug 23, 2010	2010286183	Aug 4, 2016
5622-PCT-CA	Apparatus and Method for Downhole Communication	Canada	2797916	Oct 30, 2012		
5622-PCT-US	Apparatus and Method for Downhole Communication	United States of America	13389630	Aug 23, 2010	9488046	Nov 8, 2016
5623-EP	Downhole Actuating Apparatus	European Patent Office	117105494	Oct 4, 2012	2553211	Jul 6, 2016
5623-EP-DE	Downhole Actuating Apparatus	Germany	117105494	Oct 4, 2012	602011027921.1	Jul 6, 2016
5623-EP-FR	Downhole Actuating Apparatus	France	117105494	Oct 4, 2012	2553211	Jul 6, 2016
5623-EP-NO	Downhole Actuating Apparatus	Norway	117105494	Oct 4, 2012	2553211	Jul 6, 2016
5623-EP-UK	Downhole Actuating Apparatus	United Kingdom	117105494	Oct 4, 2012	2553211	Jul 6, 2016
5623-GCC	Downhole Actuating Apparatus	Gulf Cooperation Council	GC201118021	Mar 23, 2011		
5623-GCC-DIV1	Downhole Actuating Apparatus	Gulf Cooperation Council	201129843	Mar 23, 2011		

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<u>5623-GCC-DIV2</u>	<u>Downhole Actuating Apparatus and Method</u>	Gulf Cooperation Council	201132950	Mar 23, 2011		
<u>5623-PCT-AU</u>	<u>Downhole Actuating Apparatus</u>	Australia	2011231339	Mar 10, 2011	2011231339	May 7, 2015
<u>5623-PCT-AU-DIV1</u>	<u>Downhole Actuating Apparatus</u>	Australia	2015202039	Apr 22, 2015	2015202039	Jan 5, 2017
<u>5623-PCT-CA</u>	<u>Downhole Actuating Apparatus</u>	Canada	2794329	Mar 10, 2011		
<u>5623-PCT-CA-DIV1</u>	<u>Downhole Actuating Apparatus</u>	Canada	2930272	Mar 10, 2011		
<u>5623-PCT-CA-DIV2</u>	<u>Downhole Actuating Apparatus</u>	Canada	2930163	Mar 10, 2011		
<u>5623-PCT-RU</u>	<u>Downhole Actuating Apparatus</u>	Russian Federation	2012145544	Mar 10, 2011	2556096	Jul 10, 2015
<u>5623-PCT-RU-DIV1</u>	<u>Downhole Actuating Apparatus and Method</u>	Russian Federation	2015127489	Mar 10, 2011		
<u>5623-PCT-US</u>	<u>Downhole Actuating Apparatus</u>	United States of America	13627705	Sep 26, 2012	8701776	Apr 22, 2014
<u>5623-PCT-US-CON1</u>	<u>Downhole Actuating Apparatus</u>	United States of America	14255249	Mar 8, 2016	9359842	Jun 7, 2016
<u>5624-EP</u>	<u>Mechanical Counter</u>	European Patent Office	117108357	Oct 4, 2012	2553210	Jul 13, 2016
<u>5624-EP-DE</u>	<u>Mechanical Counter</u>	Germany	117108357	Oct 4, 2012	2553210	Jul 13, 2016
<u>5624-EP-FR</u>	<u>Mechanical Counter</u>	France	117108357	Oct 4, 2012	2553210	Jul 13, 2016
<u>5624-EP-NQ</u>	<u>Mechanical Counter</u>	Norway	117108357	Oct 4, 2012	2553210	Jul 13, 2016
<u>5624-GCC</u>	<u>Mechanical Counter</u>	Gulf Cooperation Council	P201118020	Mar 23, 2011		

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<u>5624-GCC-DIV1</u>	<u>Mechanical Counter</u>	Gulf Cooperation Council	newtobe advised			
<u>5624-PCT-AU</u>	<u>Mechanical Counter</u>	Australia	2011231340	Mar 10, 2011	2011231340	Jan 22, 2015
<u>5624-PCT-CA</u>	<u>Mechanical Counter</u>	Canada	2794331	Sep 25, 2012	2794331	Jan 21, 2014
<u>5624-PCT-RU</u>	<u>Mechanical Counter</u>	Russian Federation	2012145542	Mar 10, 2011	2562631	Sep 30, 2015
<u>5624-UK</u>	<u>Mechanical Counter</u>	United Kingdom	10051498	Mar 26, 2010	2478998	Nov 18, 2015
<u>5624-US-CON1</u>	<u>Mechanical Counter</u>	United States of America	13627645	Sep 26, 2012	9194197	Nov 24, 2015
<u>5625-EP</u>	<u>Flow Restrictor</u>	European Patent Office	127515724	Jul 25, 2012		
<u>5625-EP-DIV1</u>	<u>Flow Restrictor</u>	European Patent Office	161555834	Jul 25, 2012		
<u>5625-PCT</u>	<u>Flow Restrictor</u>	PCT	PCTG81251788	Jul 25, 2012		
<u>5625-PCT-AE</u>	<u>Flow Restrictor</u>	United Arab Emirates	1122015	Jan 25, 2015		
<u>5625-PCT-AU</u>	<u>Flow Restrictor</u>	Australia	2012386229	Jul 25, 2012		
<u>5625-PCT-AU-DIV1</u>	<u>Flow Restrictor</u>	Australia	2017201461	Jul 25, 2012		
<u>5625-PCT-BH</u>	<u>Flow Restrictor</u>	Bahrain	20150015	Jan 26, 2015		
<u>5625-PCT-CA</u>	<u>Flow Restrictor</u>	Canada	2879880	Jul 25, 2012		
<u>5625-PCT-OM</u>	<u>Flow Restrictor</u>	Oman	OMP201500025	Jan 26, 2015		

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<u>5625-PCT-QA</u>	<u>Flow Restrictor</u>	Qatar	20150100028	Jan 26, 2015		
<u>5625-PCT-US</u>	<u>Flow Restrictor</u>	United States of America	14416909	Jan 23, 2015		
<u>5630-AU</u>	<u>Selective Fracturing System</u>	Australia	2013201372	Mar 6, 2013	2013201372	Jun 30, 2016
<u>5630-CA</u>	<u>Selective Fracturing System</u>	Canada	2808468	Mar 6, 2013	2808468	Oct 25, 2016
<u>5630-EP</u>	<u>Selective Fracturing System</u>	European Patent Office	131579005	Mar 5, 2013		
<u>5630-RU</u>	<u>Selective Fracturing System</u>	Russian Federation	2013110053	Mar 6, 2013		
<u>5630-UK</u>	<u>Selective Frac System</u>	United Kingdom	12041000	Mar 8, 2012		
<u>5630-US</u>	<u>Selective Fracturing System</u>	United States of America	13789912	Mar 8, 2013	9416643	Aug 16, 2016
<u>5631-EP</u>	<u>Wellbore Completion</u>	European Patent Office	137179719	Apr 3, 2014		
<u>5631-PCT-AU</u>	<u>Wellbore Completion</u>	Australia	2013245407	Apr 3, 2013	2013245407	Feb 2, 2017
<u>5631-PCT-AU-DV1</u>	<u>Wellbore Completion</u>	Australia	2017200407	Apr 3, 2013		
<u>5631-PCT-CA</u>	<u>Wellbore Completion</u>	Canada	2869563	Apr 3, 2013		
<u>5631-PCT-US</u>	<u>Wellbore Completion</u>	United States of America	14390309	Oct 2, 2014		
<u>5631-UK2</u>	<u>Wellbore Completion</u>	United Kingdom	13060348	Apr 3, 2013		
<u>5723-EP</u>	<u>Well Isolation</u>	European Patent Office	137711941	Mar 30, 2015		

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5723-PCT	Well Isolation	PCT	PCTGB1352515	Sep 26, 2013		
5723-PCT-AU	Well Isolation	Australia	2013322351	Sep 26, 2013	2013322351	Sep 29, 2016
5723-PCT-BH	Well Isolation	Bahrain	20150046	Mar 26, 2015		
5723-PCT-BR	Well Isolation	Brazil	1120150067549	Mar 26, 2015		
5723-PCT-CA	Well Isolation	Canada	2886306	Sep 26, 2013		
5723-PCT-OM	Well Isolation	Oman	OMP201500078	Sep 26, 2013		
5723-PCT-QA	Well Isolation	Qatar	QA20150300114	Mar 26, 2015		
5723-PCT-SA	Well Isolation	Saudi Arabia	515360191	Mar 26, 2015		
5723-PCT-UAE	Well Isolation	United Arab Emirates	3912015	Mar 26, 2015		
5723-PCT-US	Well Isolation	United States of America	14431497	Mar 26, 2015		
5723-UK1	Well Isolation	United Kingdom	13171418	Sep 26, 2013		
5724-EP	Downhole Apparatus and Method	European Patent Office	137927273	May 6, 2015		
5724-GCC	Downhole Apparatus and Method	Gulf Cooperation Council	P201325754	Nov 7, 2013		
5724-PCT	Downhole Apparatus and Method	PCT	PCTGB1352930	Jan 8, 2014		
5724-PCT-AU	Downhole Apparatus and Method	Australia	2013343209	Nov 7, 2013	2013343209	Jan 12, 2017

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<u>5724-PCT-BR</u>	<u>Downhole Apparatus and Method</u>	Brazil	1120150105483	Nov 7, 2013		
<u>5724-PCT-CA</u>	<u>Downhole Apparatus and Method</u>	Canada	2890348	Nov 7, 2013		
<u>5724-PCT-RU</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015121723	Nov 7, 2013		
<u>5724-PCT-US</u>	<u>Downhole Apparatus and Method</u>	United States of America	14441752	Nov 7, 2013		
<u>5724-UK</u>	<u>Downhole Apparatus and Method</u>	United Kingdom	12201679	Nov 8, 2012		
<u>5726-EP</u>	<u>Flow Control Assembly</u>	European Patent Office	138115985	Oct 10, 2013		
<u>5726-GCC</u>	<u>Method and Apparatus</u>	Gulf Cooperation Council	P201325588	Oct 21, 2013		
<u>5726-PCT-AU</u>	<u>Flow Control Assembly</u>	Australia	2013333712	Oct 10, 2013		
<u>5726-PCT-BR</u>	<u>Flow Control Assembly</u>	Brazil	1120150086780	Apr 16, 2015		
<u>5726-PCT-CA</u>	<u>Flow Control Assembly</u>	Canada	2887402	Oct 10, 2013		
<u>5726-PCT-SG</u>	<u>Flow Control Assembly</u>	Singapore	11201502694P	Apr 7, 2015		
<u>5726-PCT-US</u>	<u>Flow Control Assembly</u>	United States of America	14435982	Apr 15, 2015		
<u>5726-UK3</u>	<u>Flow Control Assembly</u>	United Kingdom	13179197	Oct 10, 2013	2508710	May 27, 2015
<u>5727-EP</u>	<u>Method and Apparatus</u>	European Patent Office	147178057	Jun 22, 2015		
<u>5727-PCT</u>	<u>Method and Apparatus</u>	PCT	PCTGB1450756	Mar 13, 2014		

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<u>5727-PCT-AE</u>	<u>Method and Apparatus</u>	United Arab Emirates	P90615	Mar 14, 2014		
<u>5727-PCT-AU</u>	<u>Method and Apparatus</u>	Australia	2014229756	Mar 13, 2014		
<u>5727-PCT-BH</u>	<u>Method and Apparatus</u>	Bahrain	20150132	Mar 15, 2015		
<u>5727-PCT-CA</u>	<u>Method and Apparatus</u>	Canada	2895460	Mar 13, 2014		
<u>5727-PCT-OM</u>	<u>Method and Apparatus</u>	Oman	OMP201500161	Jun 21, 2015		
<u>5727-PCT-QA</u>	<u>Method and Apparatus</u>	Qatar	20150600264	Jun 17, 2015		
<u>5727-PCT-RU</u>	<u>Method and Apparatus for Actuating Downhole Tools</u>	Russian Federation	201523442	Mar 13, 2014		
<u>5727-PCT-SA</u>	<u>Method and Apparatus</u>	Saudi Arabia	S15360766	Mar 13, 2014		
<u>5727-PCT-US</u>	<u>Method and Apparatus</u>	United States of America	14654106	Jun 19, 2015		
<u>5749A-EP</u>	<u>Downhole Apparatus and Method</u>	European Patent Office	137458766	Jul 31, 2013		
<u>5749A-EP-DIV1</u>	<u>Downhole Apparatus and Method</u>	European Patent Office	151696978	Jul 31, 2013		
<u>5749A-GCC</u>	<u>Downhole Apparatus and Method</u>	Gulf Cooperation Council	GC201325068	Jul 31, 2013		
<u>5749A-GCC-DIV1</u>	<u>Downhole Apparatus and Method</u>	Gulf Cooperation Council	201332975	Jul 31, 2013		
<u>5749A-PCT</u>	<u>Downhole Apparatus and Method</u>	PCT	PCTGB1352043	Jul 31, 2013		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5749A-PCT-AU</u>	<u>Downhole Apparatus and Method</u>	Australia	2013298345	Jul 31, 2013		
<u>5749A-PCT-AU-DIV1</u>	<u>Downhole Apparatus and Method</u>	Australia	2015200476	Jul 31, 2013	2015200476	Oct 27, 2016
<u>5749A-PCT-AU-DIV2</u>	<u>Downhole Apparatus and Method</u>	Australia	newtobe advised	Jul 31, 2013		
<u>5749A-PCT-CA</u>	<u>Downhole Apparatus and Method</u>	Canada	2880435	Jul 31, 2013		
<u>5749A-PCT-RU</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015106928	Feb 27, 2015		
<u>5749A-PCT-RU-DIV1</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015112093	Jul 31, 2013		
<u>5749A-PCT-US</u>	<u>Downhole Apparatus and Method</u>	United States of America	14610510	Jan 30, 2015		
<u>5749A-PCT-US-CON1</u>	<u>Downhole Apparatus and Method</u>	United States of America	14610550	Jan 30, 2015		
<u>5749A-UK</u>	<u>Downhole Apparatus and Method</u>	United Kingdom	13136866	Jul 31, 2013		
<u>5749-EP</u>	<u>Downhole Apparatus and Method</u>	European Patent Office	137458774	Jul 31, 2013		
<u>5749-EP-DIV1</u>	<u>Downhole Apparatus and Method</u>	European Patent Office	151696804	Jul 31, 2013		
<u>5749-GCC</u>	<u>Downhole Apparatus and Method</u>	Gulf Cooperation Council	GC201325067	Jul 31, 2013		
<u>5749-PCT</u>	<u>Downhole Apparatus and Method</u>	PCT	PCTG81352045	Jul 31, 2013		
<u>5749-PCT-AU</u>	<u>Downhole Apparatus and Method</u>	Australia	2013298346	Jul 31, 2013		
<u>5749-PCT-AU-DIV1</u>	<u>Downhole Apparatus and Method</u>	Australia	2015200475	Jul 31, 2013	2015200475	Dec 8, 2016

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5749-PCT-CA</u>	<u>Downhole Apparatus and Method</u>	Canada	2880437	Jul 31, 2013		
<u>5749-PCT-RU</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015106984	Jul 31, 2013		
<u>5749-PCT-RU-DIV1</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015112118	Jul 31, 2013	2604367	Dec 10, 2016
<u>5749-PCT-US</u>	<u>Downhole Apparatus and Method</u>	United States of America	14610440	Jan 30, 2015		
<u>5749-PCT-US-CON1</u>	<u>Downhole Apparatus and Method</u>	United States of America	14610483	Jan 30, 2015		
<u>5753-UK</u>	<u>Multi-Component Ball</u>	United Kingdom	newtobeadvised			
<u>5761-EP</u>	<u>Downhole Apparatus and Method</u>	European Patent Office	138109855	May 20, 2015		
<u>5761-GCC</u>	<u>Downhole Apparatus and Method</u>	Gulf Cooperation Council	201325946	Dec 3, 2013		
<u>5761-PCT</u>	<u>Downhole Apparatus and Method</u>	PCT	PCTGB1353199	Dec 3, 2013		
<u>5761-PCT-AU</u>	<u>Downhole Apparatus and Method</u>	Australia	2013353836	Dec 3, 2013		
<u>5761-PCT-CA</u>	<u>Downhole Apparatus and Method</u>	Canada	2892777	Dec 3, 2013		
<u>5761-PCT-RU</u>	<u>Downhole Apparatus and Method</u>	Russian Federation	2015126785	Dec 3, 2013		
<u>5761-PCT-US</u>	<u>Downhole Apparatus and Method</u>	United States of America	14549590	Dec 3, 2013		
<u>5801-EP</u>	<u>Downhole Tool and Method</u>	European Patent Office	147058598	Feb 6, 2014		
<u>5801-PCT</u>	<u>Downhole Tool and Method</u>	PCT	PCTGB14050338	Feb 6, 2014		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5801-PCT-AE</u>	<u>Downhole Tool and Method</u>	United Arab Emirates	9892015	Feb 6, 2014		
<u>5801-PCT-AU</u>	<u>Downhole Tool and Method</u>	Australia	2014213786	Feb 6, 2014		
<u>5801-PCT-BH</u>	<u>Downhole Tool and Method</u>	Bahrain	20150107	Feb 6, 2014		
<u>5801-PCT-BR</u>	<u>Downhole Tool and Method</u>	Brazil	1120150191452	Feb 6, 2014		
<u>5801-PCT-CA</u>	<u>Downhole Tool and Method</u>	Canada	2900131	Feb 6, 2014		
<u>5801-PCT-OM</u>	<u>Downhole Tool and Method</u>	Oman	OMP201500192	Feb 6, 2014		
<u>5801-PCT-QA</u>	<u>Downhole Tool and Method</u>	Qatar	QA20150800328	Feb 6, 2014		
<u>5801-PCT-SA</u>	<u>Downhole Tool and Method</u>	Saudi Arabia	515360863	Feb 6, 2014		
<u>5801-US-CIP1</u>	<u>Downhole Tool and Method</u>	United States of America	14081665	Nov 15, 2013		
<u>5804-AU</u>	<u>Downhole Detection</u>	Australia	2013201675	Mar 13, 2013	2013201675	Mar 3, 2016
<u>5804-AU-DIV1</u>	<u>Downhole Communication</u>	Australia	2015207914	Jul 30, 2015		
<u>5804-CA</u>	<u>Downhole Communication</u>	Canada	2809026	Mar 13, 2013		
<u>5804-CA-DIV1</u>	<u>Downhole Communication</u>	Canada	2945156	Mar 13, 2013		
<u>5804-EP</u>	<u>Downhole Communication</u>	European Patent Office	147093918	Feb 28, 2014		
<u>5804-GCC</u>	<u>Downhole Communication</u>	Gulf Cooperation Council	P201426558	Mar 2, 2014		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5804-PCT</u>	<u>Downhole Communication</u>	PCT	PCTGB1450601	Feb 28, 2014		
<u>5804-PCT-AU</u>	<u>Downhole Communication</u>	Australia	2014222428	Feb 28, 2014		
<u>5804-PCT-CA</u>	<u>Downhole Communication</u>	Canada	2902659	Feb 28, 2014		
<u>5804-PCT-RU</u>	<u>Downhole Communication</u>	Russian Federation	2015140969	Feb 28, 2014		
<u>5804-PCT-US</u>	<u>Downhole Communication</u>	United States of America	14771238	Feb 28, 2014		
<u>5804-US</u>	<u>Downhole Detection</u>	United States of America	13800183	Mar 13, 2013		
<u>5807-EP</u>	<u>Catching Apparatus</u>	European Patent Office	147132385	Jul 2, 2015		
<u>5807-PCT</u>	<u>Catching Apparatus</u>	PCT	PCTGB1450780	Mar 14, 2014		
<u>5807-PCT-AU</u>	<u>Downhole Catching Apparatus</u>	Australia	2014229776	Mar 14, 2014	2014229776	Feb 23, 2017
<u>5807-PCT-CA</u>	<u>Catching Apparatus</u>	Canada	2899568	Mar 14, 2014		
<u>5807-PCT-RU</u>	<u>Catching Apparatus</u>	Russian Federation	2015144044	Mar 14, 2014		
<u>5807-PCT-US</u>	<u>Catching Apparatus</u>	United States of America	14776821	Mar 14, 2014		
<u>5809-UK</u>	<u>Finger Jammer with Rubber Components</u>	United Kingdom	newtobe advised			
<u>5811-EP</u>	<u>Downhole Shifting Tool</u>	European Patent Office	147132393	Jul 2, 2015		
<u>5811-PCT</u>	<u>Shifting Tool</u>	PCT	PCTGB1450787	Mar 14, 2014		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5811-PCT-AU</u>	<u>Shifting Tool</u>	Australia	2014229780	Mar 14, 2014	2014229780	Feb 2, 2017
<u>5811-PCT-CA</u>	<u>Shifting Tool</u>	Canada	2899572	Mar 14, 2014		
<u>5811-PCT-RU</u>	<u>Shifting Tool</u>	Russian Federation	2015144048	Mar 14, 2014		
<u>5811-PCT-US</u>	<u>Shifting Tool</u>	United States of America	14776769	Mar 14, 2014		
<u>5813-EP</u>	<u>Heat Treat Production Fixture</u>	European Patent Office	147150619	Jul 2, 2015		
<u>5813-PCT</u>	<u>Heat Treat Production Fixture</u>	PCT	PCTGB81450797	Mar 14, 2014		
<u>5813-PCT-AU</u>	<u>Heat Treat Production Fixture</u>	Australia	2014229789	Mar 14, 2014		
<u>5813-PCT-CA</u>	<u>Heat Treat Production Fixture</u>	Canada	2899813	Mar 14, 2014		
<u>5813-PCT-RU</u>	<u>Heat Treat Production Fixture</u>	Russian Federation	2015144274	Mar 14, 2014		
<u>5813-PCT-US</u>	<u>Heat Treat Production Fixture</u>	United States of America	14777359	Mar 14, 2014		
<u>5814-EP</u>	<u>Downhole Apparatus</u>	European Patent Office	147132427	Mar 14, 2014		
<u>5814-PCT-AU</u>	<u>Downhole Apparatus</u>	Australia	2014229783	Mar 14, 2014		
<u>5814-PCT-CA</u>	<u>Downhole Apparatus</u>	Canada	2899863	Mar 14, 2014		
<u>5814-PCT-RU</u>	<u>Downhole Apparatus</u>	Russian Federation	2015144153	Mar 14, 2014		
<u>5814-PCT-US</u>	<u>Downhole Apparatus</u>	United States of America	14776785	Mar 14, 2014		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5816-EP</u>	<u>Downhole Arrangement</u>	European Patent Office	147132377	Jul 2, 2015		
<u>5816-PCT</u>	<u>Downhole Arrangement</u>	PCT	PCTGB14050776	Mar 14, 2014		
<u>5816-PCT-AU</u>	<u>Downhole Arrangement</u>	Australia	2014229773	Mar 14, 2014		
<u>5816-PCT-CA</u>	<u>Downhole Arrangement</u>	Canada	2899861	Mar 14, 2014		
<u>5816-PCT-RU</u>	<u>Downhole Arrangement</u>	Russian Federation	2015144046	Mar 14, 2014		
<u>5816-PCT-US</u>	<u>Downhole Arrangement</u>	United States of America	14776907	Mar 14, 2014		
<u>5890-EP</u>	<u>Choke</u>	European Patent Office	147395115	Jun 9, 2014		
<u>5890-PCT</u>	<u>Choke</u>	PCT	PCTGB14051763	Jun 9, 2014		
<u>5890-PCT-AE</u>	<u>Choke</u>	United Arab Emirates	P163715	Jun 9, 2014		
<u>5890-PCT-AU</u>	<u>Choke</u>	Australia	2014276581	Jun 9, 2014		
<u>5890-PCT-CA</u>	<u>Choke</u>	Canada	2914572	Jun 9, 2014		
<u>5890-PCT-SA</u>	<u>Choke</u>	Saudi Arabia	515370252	Dec 7, 2015		
<u>5890-PCT-US</u>	<u>Choke</u>	United States of America	14896568	Mar 3, 2016		
<u>5923-EP</u>	<u>Method and Apparatus</u>	European Patent Office	157661885	Sep 2, 2015		
<u>5923-PCT</u>	<u>Method and Apparatus</u>	United Kingdom	PCTGB15052536	Sep 2, 2015		
<u>5923-PCT-AE</u>	<u>Method and Apparatus</u>	United Arab Emirates	P60001742017	Sep 2, 2015		
<u>5923-PCT-AU</u>	<u>Method and Apparatus</u>	Australia	2015310656	Sep 2, 2015		

File Number	Title	Country Name	Application Number	Date Filed	Patent Number	Grant Date
<u>5923-PCT-CA</u>	<u>Method and Apparatus</u>	Canada	2957865	Sep 2, 2015		
<u>5923-PCT-SA</u>	<u>Method and Apparatus</u>	Saudi Arabia	517380960	Sep 2, 2015		
<u>5923-PCT-US</u>	<u>Method and Apparatus</u>	United States of America	15505538	Sep 2, 2015		
<u>5923-UK</u>	<u>Method and Apparatus</u>	United Kingdom	14155998	Sep 3, 2014		
<u>6348-UK</u>	<u>Carried Spring Indexing Mechanism</u>	United Kingdom	newtobe advised			

SCHEDULE BTRADEMARKS

Title	Class Code	Country Name	Application Number	Date Filed	Registration Number	Registration Date
<u>AutoFrac</u>	06, 07, 09, 37, 42	Australia	2591230	Aug 16, 2011	1519206	Feb 25, 2013
<u>AutoFrac</u>	006	Brazil	840030223	Feb 16, 2012	840030223	Mar 17, 2015
<u>AutoFrac</u>	007	Brazil	840030231	Feb 16, 2012	840030231	Mar 17, 2015
<u>AutoFrac</u>	009	Brazil	840030240	Feb 16, 2012	840030240	Mar 17, 2015
<u>AutoFrac</u>	037	Brazil	840030258	Feb 16, 2012	840030258	Mar 17, 2015
<u>AutoFrac</u>	042	Brazil	840030266	Feb 16, 2012	840030266	Mar 17, 2015
<u>AutoFrac</u>	Wares & Services	Canada	1564435	Feb 16, 2012	TMA898065	Mar 5, 2015
<u>AutoFrac</u>	06, 07, 09, 37, 42	European Union	1130261	Jul 31, 2014	1130261	Jun 26, 2015
<u>AutoFrac</u>	06, 07, 09, 37, 42	International Bureau (WIPO)			1130261	Feb 15, 2012
<u>AutoFrac</u>	Int 6, 7, 9, 37, 42	Norway	1130261	Feb 15, 2012	1130261	Feb 15, 2012
<u>AutoFrac</u>	006, 007, 009, 037, 042	United Kingdom	2591230	Aug 16, 2011	2591230	Dec 2, 2011
<u>AutoFrac</u>	006, 007, 009, 037, & 042	United States of America	79118326	Feb 15, 2012	4503565	Apr 1, 2014
<u>AutoStim</u>	Int 6, 7, 9, 37, 42	Australia	2591231	Aug 16, 2011	1519205	Feb 25, 2013
<u>AutoStim</u>	006	Brazil	840030177	Feb	840030177	Mar 17,

				16, 2012		2015
<u>AutoStim</u>	007	Brazil	840030185	Feb 16, 2012		Mar 17, 2015
<u>AutoStim</u>	009	Brazil	840030193	Feb 16, 2012		Mar 17, 2015
<u>AutoStim</u>	037	Brazil	840030207	Feb 16, 2012	840030207	Mar 17, 2015
<u>AutoStim</u>	042	Brazil	840030215	Feb 16, 2012		Mar 17, 2015
<u>AutoStim</u>	Wares & Services	Canada	1564436	Feb 16, 2012	TMA888498	Oct 21, 2014
<u>AutoStim</u>	06, 07, 09, 37, 42	Internationa l Bureau (WIPO)			1130260	Feb 15, 2012
<u>AutoStim</u>	006, 007, 037, 042	Norway	201210783	Feb 12, 2012	1130260	May 2, 2014
<u>AutoStim</u>	Int 6, 7, 9, 37, 42	United Kingdom	2591231	Aug 16, 2011	2591231	Dec 2, 2011
<u>AutoStim</u>	006, 007, 009, 037, 042	United States of America	79118325	Feb 15, 2012	4503564	Apr 1, 2014
<u>HOUDINI</u>	006,007,009,037,04 2	Australia	1029867	Oct 1, 2009	1349846	Aug 6, 2010
<u>HOUDINI</u>	Wares & Services	Canada	1453869	Oct 1, 2009	TMA841444	Jan 28, 2013
<u>HOUDINI</u>	Int 6,7,9,37,42	Internationa l Bureau (WIPO)	1029867	Oct 1, 2009	1029867	Oct 1, 2009
<u>HOUDINI</u>	Int 6,7,9,37,42	Norway	1029867	Oct 1, 2009	1029867	Aug 27, 2010
<u>HOUDINI</u>	Int 6,7,9,37,42	United Kingdom	2512744	Apr 1, 2009	2512744	Sep 4, 2009
<u>HOUDINI</u>	Int 6,7,9,37,42	United States of America	79079317	Oct 1, 2009	4008110	Aug 9, 2011

<u>i-ball</u>	06, 07, 37, 42	Australia	1519127	Feb 15, 2012	1519127	Feb 5, 2014
<u>i-ball</u>	006	Brazil	840030274	Feb 16, 2012		Mar 17, 2015
<u>i-ball</u>	007	Brazil	840030282	Feb 16, 2012		
<u>i-ball</u>	009	Brazil	840030290	Feb 16, 2012		Mar 17, 2015
<u>i-ball</u>	037	Brazil	840030304	Feb 16, 2012		Mar 17, 2015
<u>i-ball</u>	042	Brazil	840030312	Feb 16, 2012		Mar 17, 2015
<u>i-ball</u>	Wares & Services	Canada	1564437	Feb 16, 2012	TMA864373	Nov 5, 2013
<u>i-ball</u>	006, 007, 009, 037, 042	International Bureau (WIPO)			1129922	Feb 15, 2012
<u>i-ball</u>	006, 007, 009, 037, 042	United Kingdom	2591647	Aug 16, 2011	2591647	Dec 2, 2011
<u>i-ball</u>	006, 007, 037, 042	United States of America	79118189	Feb 15, 2012	4516757	Apr 22, 2014
<u>i-ball (DO NOT USE - DESIGNATE D ON WIPO ENTRY)</u>	Int 6, 7, 9, 37, 42	Norway	1129922	Feb 15, 2012	1129922	Feb 15, 2012
<u>InvisiBall (dissolving downhole activation ball)</u>	Wares	Canada	1605976	Dec 10, 2012	TMA917752	Oct 21, 2015
<u>InvisiBall (dissolving downhole activation ball)</u>	007	United States of America	85798484	Dec 10, 2012	4472290	Jan 21, 2014
<u>Petrowell</u>	006, 007, 009, 037, 042	Australia	1348568	Oct 21,	1348568	Aug 5, 2010

				2009		
<u>Petrowell</u>	Wares & Services	Canada	1456428	Oct 22, 2009	TMA861039	Sep 24, 2013
<u>Petrowell</u>	006, 007, 009, 037, 042	Norway	201002298	Oct 21, 2009	1029303	Oct 25, 2010
<u>Petrowell</u>	006, 007, 009, 035, 036, 037, 041, 042, 045	United Kingdom	2514257	Apr 22, 2009	2514257	Sep 25, 2009
<u>Petrowell</u>	006, 007, 009,	United States of America	79079092	Oct 21, 2009	3913252	Feb 1, 2011
<u>Petrowell</u> (design)	006, 007, 009, 037, 042	Internationa l Bureau (WIPO)	1029303	Oct 21, 2009	1029303	Oct 21, 2009
<u>ROKANKOR</u>	06, 07, 37	United Kingdom	2397332	Jul 20, 2005	2397332	Dec 30, 2005